

Laboratory Hydraulic Pellet Press For Xrf Kbr Ftir Lab Press

Item Number: PCPE



Introduction

KINTEK Lab Press Machines: Precision hydraulic presses for sample prep. Automatic, heated, and isostatic models for research labs. Get expert advice now!

[Learn More](#)

Instrument model	PCPE-20T	PCPE-30T	PCPE-40T	PCPE-60T
Pressure range	0-20T(0-28MPa)	0-30T(0-31.5MPa)	0-40T(0-30MPa)	0-60T(0-33MPa)
Piston diameter	Φ95mm (d)	Φ110mm (d)	Φ130mm (d)	Φ150mm (d)
Integral structure	No sealing connection, oil leakage reduced	No sealing connection, oil leakage reduced	No sealing connection, oil leakage reduced	No sealing connection, oil leakage reduced
Pressure gauge	Digital display 0.00-40.00 MPa	Digital display 0.00-40.00 MPa	Digital display 0.00-40.00 MPa	Digital display 0.00-40.00 MPa
Maximum pressure (T)	30mm (Piston Stroke)	40mm (Piston Stroke)	50mm (Piston Stroke)	50mm (Piston Stroke)
Pressure stability	≤1MPa/10min	≤1MPa/10min	≤1MPa/10min	≤1MPa/10min
Pressurization mode	Electric / manual	Electric / manual	Electric / manual	Electric / manual
Compensation mode	Auto/ manual	Auto/ manual	Auto/ manual	Auto/ manual
Workbench diameter	Φ105mm (D)	Φ120mm (D)	Φ140mm(D)	Φ160mm (D)
Number of columns	Four	Four	Four	Four
Working space	80×150mm(M×N)	92×160mm(M×N)	115×185mm(M×N)	185×250mm(M×N)
Dimensions	245×415×415mm(L×W×H)	275×430×420mm(L×W×H)	295×450×500mm(L×W×H)	405×470×565mm(L×W×H)
Power supply	220V(50Hz/60Hz)	220V(50Hz/60Hz)	220V(50Hz/60Hz)	220V(50Hz/60Hz)
Weight	58Kg	72Kg	92Kg	140Kg

Force	Pressure
1 [Tons]	1.41 [MPa]
2 [Tons]	2.82 [MPa]
3 [Tons]	4.23 [MPa]
5 [Tons]	7.06 [MPa]
8 [Tons]	11.3 [MPa]
10 [Tons]	14.1 [MPa]
12 [Tons]	17 [MPa]
15 [Tons]	22.6 [MPa]
20 [Tons]	28 [MPa]

Note: The system pressure intensity shouldn't exceed 35 MPa, or else it will shorten the service life of the equipment. This table is illustrative; actual pressure depends on piston diameter.